

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C09G1/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C09G H01L C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | US 6 190 237 B1 (KRISHNAN MAHADEVAIYER ET AL) 20 February 2001 (2001-02-20)<br>column 3, line 38-50<br>column 5, line 1-23<br>claims 1,3-10 | 1-4,<br>10-17         |
| A          | WO 01 52618 A (BOHM GEORG ;COLE WILLIAM (US); NAIK SANJEEV (US); BRIDGESTONE CORP) 26 July 2001 (2001-07-26)<br>claims 1-6                  | 16,17                 |
| A          | US 2001/013506 A1 (MACDONALD MICHAEL J ET AL) 16 August 2001 (2001-08-16)<br>cited in the application                                       |                       |
|            | -/-   |                       |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

24 June 2003

Date of mailing of the international search report

02/07/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| A          | EP 1 150 341 A (HITACHI CHEMICAL CO LTD<br>;HITACHI LTD (JP))<br>31 October 2001 (2001-10-31)<br>cited in the application<br>----- |                       |

| Patent document<br>cited in search report |    | Publication<br>date |    | Patent family<br>member(s) |  | Publication<br>date |
|---|----|---------------------|----|----------------------------|--|---------------------|
| US 6190237                                | B1 | 20-02-2001          | CN | 1218077 A                  |  | 02-06-1999          |
| WO 0152618                                | A  | 26-07-2001          | US | 6579929 B1                 |  | 17-06-2003          |
|   |    |                     | AU | 3447301 A                  |  | 31-07-2001          |
|   |    |                     | BR | 0107692 A                  |  | 15-10-2002          |
|   |    |                     | CA | 2396953 A1                 |  | 26-07-2001          |
|   |    |                     | EP | 1252094 A2                 |  | 30-10-2002          |
|   |    |                     | WO | 0152618 A2                 |  | 26-07-2001          |
| US 2001013506                             | A1 | 16-08-2001          | KR | 2000011709 A               |  | 25-02-2000          |
| EP 1150341                                | A  | 31-10-2001          | AU | 1804300 A                  |  | 31-07-2000          |
|   |    |                     | EP | 1150341 A1                 |  | 31-10-2001          |
|   |    |                     | CN | 1392215 A                  |  | 22-01-2003          |
|   |    |                     | CN | 1334961 T                  |  | 06-02-2002          |
|   |    |                     | WO | 0039844 A1                 |  | 06-07-2000          |
|   |    |                     | JP | 2000252242 A               |  | 14-09-2000          |
|   |    |                     | JP | 2000252243 A               |  | 14-09-2000          |

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